

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE INSTALLATION OF A PROPOSED ITS CABINET AND TWO PROPOSED REMOTE TRAFFIC MICROWAVE SENSOR (RTMS) DEVICES ON I-695. THIS PROJECT IS LOCATED IN BALTIMORE COUNTY.

GENERAL NOTES

- ALL EXISTING COMMUNICATION AND ELECTRIC MANHOLES SHALL BE REMOVED. ALL CONDUITS SHALL BE CAPPED AND ABANDONED. ALL UNUSED CABLES, AND ELECTRICAL UTILITY SERVICE EQUIPMENT SHALL BE REMOVED. COST SHALL BE INCLUDED IN THE LUMP SUM ITEM FOR REMOVAL AND DISPOSAL OF EXISTING MATERIALS AND EQUIPMENT FOR PROJECT.
- INSTALL ALL FOUNDATIONS TO FINAL GRADE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THIS PLAN ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE SUPPLIED BY THE SHA.
NONE

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

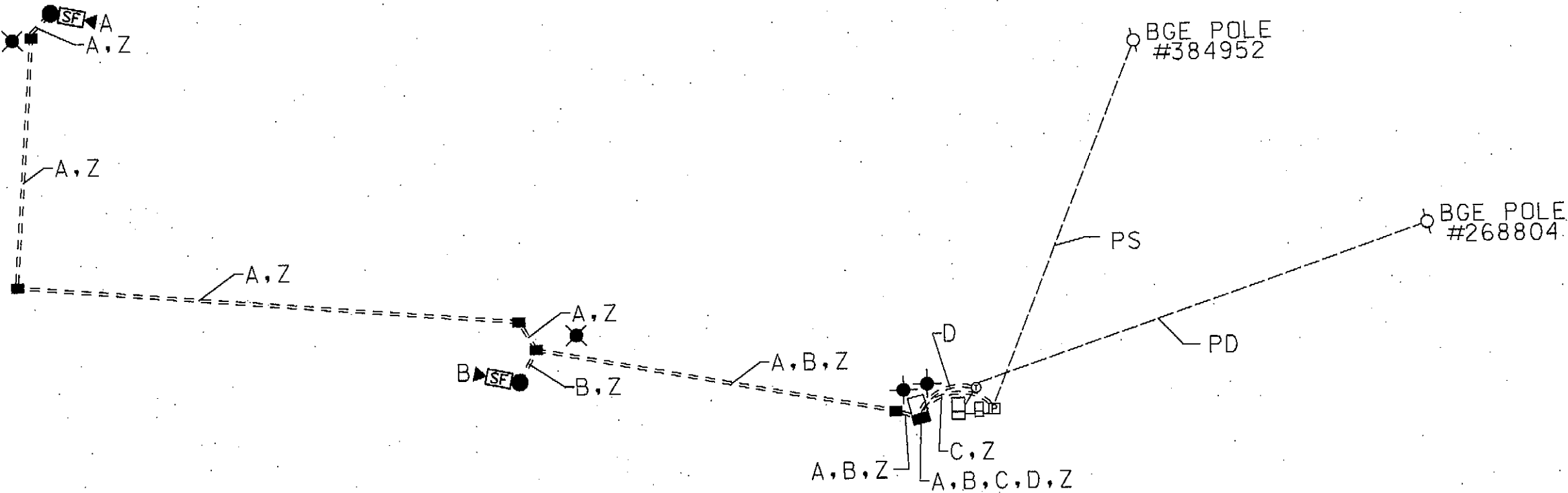
CATAGORY CODE	DESCRIPTION	UNIT	QUANTITY
203030	TEST PIT EXCAVATION	CY	3
800000	5-PAIR NO. 22 AWG SHIELDED COPPER CABLE	LF	40
800000	TYPE 332/334 ITS CABINET	EA	1
800000	RTMS CONTROL CABLE	LF	700
800000	REMOTE TRAFFIC MICROWAVE SENSOR (RTMS) DEVICE	EA	2
801004	CONCRETE FOR SIGNAL FOUNDATION	CY	2.3
802501	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE	LF	570
805118	4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED	LF	185
805135	3 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED	LF	360
810010	ELECTRICAL CABLE 1-CONDUCTOR NO 4 AWG THHN/THWN	LF	120
811001	FURNISH AND INSTALL ELECTRICAL HANDHOLE	EA	5
818006	20 FOOT BREAKAWAY PEDESTAL POLE	EA	2
837001	GROUND ROD - 3/4 INCH DIAMETER X 10 FT. LENGTH	EA	4

EQUIPMENT LIST "C"

C. EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND RETURNED TO SHA.

ALL EQUIPMENT REMOVED BY THE CONTRACTOR SHALL BECOME PROPERTY OF THE CONTRACTOR

WIRING DIAGRAM



WIRING KEY

- A,B RTMS CONTROLLER CABLE
- C 1-CONDUCTOR ELECTRICAL CABLE
NO.4 AWG - THHN/THWN (3 RUNS)
- D 5-PAIR NO. 22 AWG SHIELDED COPPER CABLE
- Z STRANDED BARE COPPER GROUND
WIRE (NO. 6 A.W.G.)
- PS UNDERGROUND POWER SERVICE
TO BE INSTALLED BY BGE
- PD UNDERGROUND PHONE SERVICE
TO BE INSTALLED BY VERIZON
- ✕ GROUND ROD

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
INTERSTATE ROUTE 695 (BALTIMORE BELTWAY)
AT CHARLES STREET (MD 139)
INTERCHANGE RECONSTRUCTION

ITS GENERAL INFORMATION SHEET

REVISIONS	SCALE	DATE	CONTRACT NO.
	NONE	MAY 2008	BA9775AT2
	DESIGNED BY	BJG	COUNTY
	DRAWN BY	BJG	LOGMILE
	CHECKED BY	DAE	T.I.M.S. NO.
	F.A.P. NO.	SEE TITLE SHEET	TOD NO.
	DRAWING NO.	ITS-02	OF 2
			SHEET NO. 378A OF 443